

Name : K.SRAVANTHI  
 Designation : Assistant Professor  
 Department : IT  
 Mail ID : sravanthi\_k@vnrvjiet.in  
 AICET ID : 1-7366883925  
 Date-Of-Birth : 14-06-1989  
 Experience (in years): Teaching: 8      Research: Blockchain      Others (if any, specify): Nil



### 1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization                   |
|------|------------------------|-----------------|----------------------------------|
| 1    | Ph.D                   | Pursuing        | Blockchain                       |
| 2    | M.TECH                 | 2013            | Computer Science and Engineering |
| 3    | B. TECH                | 2010            | Information Technology           |

### 2. Teaching and Learning:

2.1. Teaching Interests: Data Structures and Algorithms through Java, Wireless Network and Mobile Communication, Programming in C, Data Structures, Adhoc Wireless sensor Networks, Blockchain Technologies.

2.2. Novel Teaching & Learning Techniques adopted: Active Learning Strategies, WIT and WIL, Learning by Doing

2.3. Involvement in curriculum updating / Design: Designed Curriculum for Data structures, Programming for Problem Solving.

### 3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: listening Music, Fashion Designing, Reading Novels.

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: Counselling and Mentoring the students.

3.5. Committees involved in:

Department level:

- Timetable I/c-2
- Result Analysis
- Coding Contest

Institute Level:

- OTLE

#### 4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: Nil

4.2 Attended:

- Participated in five-day Faculty Development Program on **Cyber Security** Organized by VNRVJIET Department of ECE &IT in collaboration with ISTE, IETE, ACM from Jun 02-06, 2020
- Participated in online Workshop on **Scientific Writing for Journals** Organized by Springer Nature on May 20,2020.
- Participated in one-week **Python 3.4.3** training organized at Vaagdevi College of Engineering, with course material provided by the Spoken Tutorial Project, IIT Bombay.
- Participated in three- day online Faculty Development Program on **Internet of Things (IoT)** held at Anurag University organized by CSE from 28th and 30th May 28- 30, 2020.
- Participated on online quiz on **Teaching Methods and Strategies** conducted by MLRIT on May 30,2020.
- Participated in a one -week Faculty Development Program on **Industry Expectations from Data Mining and Blockchain Professionals** Organized by Department of CSE in collaboration with CSI, VNRVJIET from May 25-29, 2020.
- Participated in a one-week Faculty Development Programme on **Natural Language Processing** Organized by Electronics & ICT Academies, NIT Patna in association with Department of CSE &ECE, IEEE & ISTE, VNRVJIET from January 06-10 2020.
- Participated 6th International Conference on **Transformations in Engineering Education Pre-Conference** Workshop organized by Malla Reddy Engineering College, Hyderabad.
- Participated National conference on **Research Trends in Computer Science and Technology** organized by CMR college of Engineering, Hyderabad.
- Participated in IBM training on “**IBM CE- Enterprise Application Development and Deployment on Cloud using IBM Bluemix**” conducted by Malla Reddy Engineering College, Hyderabad.
- Attended faculty development program on “**INDUCTION PROGRAM**” conducted by AICTCE at JNTUH, Hyderabad.

- Attended workshop on “**BIG DATA AND HADOOP**” conducted by Malla Reddy Engineering College, Hyderabad.
- Attended workshop on “**ANIMATION AND GAME DESIGN**” conducted by TKRCET Engineering College, Hyderabad.
- Attended workshop on “**CLOUD COMPUTING**” conducted by Malla Reddy Engineering College, Hyderabad.

## 5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: 2

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 20

5.5. Research Interests: Blockchain Technology

5.6. Ph.D. students:

a) Enrolled: 2019 (GITAM University)

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

| S.No | Title of the Paper   | Journal Name<br>Vol.No. PP   | ISBN/ISSN No.         | Impact<br>Factor/<br>Citation<br>Index | National/<br>International |
|------|--|--|-----------------------|--|----------------------------|
| 1    | Cyber physical systems: The role of machine learning and cyber security in present and future.               | Computer Reviews Journal Vol 5 (2019)  | ISSN 2581-6640        | 3.25                                   | International              |
| 2    | A Novel Based Approach to Detect and Take Action Against Network Intrusion in Virtual Machine Network System | International Journal of Scientific Research in Network Security and Communication | ISSN N0:2321-3256 (E) | 2.42                                   | International              |
| 3    | Preserving Privacy Techniques for Autonomous   | International Journal of Emerging Trends in Engineering                            | ISSN 2347 - 3983      |  | International              |

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|--|----------|----------|--|--|--|
|  | Vehicles | Research |  |  |  |
|--|----------|----------|--|--|--|

5.8. Papers presented at National / International Journals:

| S.No | Title of the Paper  | Names of the Conference/ Seminars   | National/ International | Period     |
|------|---|---|-------------------------|------------|
| 1    | Beyond Things: A Systematic Study of Internet of Everything                   | International Conference on Innovations in Bio-Inspired Computing and Applications  | International           | 06-08-2020 |
| 2    | Android app for inventory management system in supermarket                    | International Conference on Smart Modernistic in Electronics and Communication- ICSMEC 2020   | International           | 06-12-2020 |
| 3    | Deep Learning for Medical Image Recognition: Open Issues and a Way to Forward | Proceedings of the Second International Conference on Information Management and Machine Intelligence   | International           | 23-01-2021 |
| 4    | Blockchain-Enabled Decentralization Service for Automated Parking Systems     | Opportunities and Challenges for Blockchain Technology in Autonomous Vehicles (pp. 51-63). IGI Global.  | International           | 02-03-2021 |
| 5    | Analysis of Text Mining Tools in Disease Prediction                           | Hybrid Intelligent Systems. HIS 2020. Advances in Intelligent Systems and Computing, vol 1375. Springer, Cham. Online ISBN :978-3-030-73050-5 | International           | 17-04-2021 |
| 6    | Big data and behaviour analytics  | Handbook of Big Data Analytics: Applications in ICT, Security and Business Analytics, Volume 2  | International           | .9-7-2021  |

5.9. Sponsored research Projects: NIL

5.10 Consultancy Projects: NIL

**6. Awards / Honors received:**

- Completed online Certification Course on **Blockchain A-Z: Learn How To Build Your First Blockchain** through Udemy.
- Completed online Certification Course on **Programming for Everybody (Getting Started with Python)** authorized by University of Michigan and offered through Coursera.
- Completed online Course on **Blockchain Technologies** Conducted by NPTEL.
- Completed online Course on **IoT** Conducted by NPTEL.
- Completed Certification course on “**Blockchain basics**” through coursera
- Completed Certification course on “**Smart Contracts**” through coursera
- Completed Certification course on “**AI for Everyone**” through coursera
- Completed Certification course on “**cybersecurity and mobility**” through coursera
- AICTE Training and Learning (ATAL) Academy Online FDP on "**Block chain**"
- AICTE sponsored six days short term training programme in “**IoT and Big Data Cloud**”

- AICTE sponsored six days short term training programme on “**CYBER SECURITY, FORENSICS & CYBER LAWS**”

**7. Motto:** To Motivate Students